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Apr 17, 1997

DERWENT-ACC-NO: 1997-235852

DERWENT-WEEK: 199921

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TITLE: Rubber latex compsn. for use in e.g. condoms - contains dispersion of hydrophobic or hydrophilic silica to improve tear strength

INVENTOR: ARNOLD, A R; CALVER, L J

PRIORITY-DATA: 1995GB-0020700 (October 10, 1995)

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## PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/>	<u>WO 9713805 A1</u>	April 17, 1997	E	018	C08L021/02
<input type="checkbox"/>	<u>GB 2321902 B</u> ✓	May 12, 1999		000	C08L021/02
<input type="checkbox"/>	<u>GB 2321902 A</u>	August 12, 1998		000	C08L021/02

INT-CL (IPC): C08 K 3/36; C08 L 21/02; C08 L 27:06; C08 L 27:06

ABSTRACTED-PUB-NO: GB 2321902B

## BASIC-ABSTRACT:

A compsn. comprises a blend of rubber latex and particles of (i) hydrophobic or hydrophilic silica; and (ii) vinyl chloride homo- or co-polymer.

Also claimed is a rubber latex film formed from the compsn. and a method of making the film by dipping a shape former into the latex compsn. and curing.

Préf. the silica is a precipitated or fumed silica with a particle size of 10-20 nm. The combined concentration of the silica and the vinyl chloride homo- or co-polymer is in the range 1-12 (pref. 2-6) pts. per hundred rubber.

USE - The compsn. is suitable for use in latex articles such as gloves and condoms (claimed).

ADVANTAGE - The latex films have increased tear strength which is preserved during a period of storage or ageing.

ABSTRACTED-PUB-NO:

WO 9713805A EQUIVALENT-ABSTRACTS:

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